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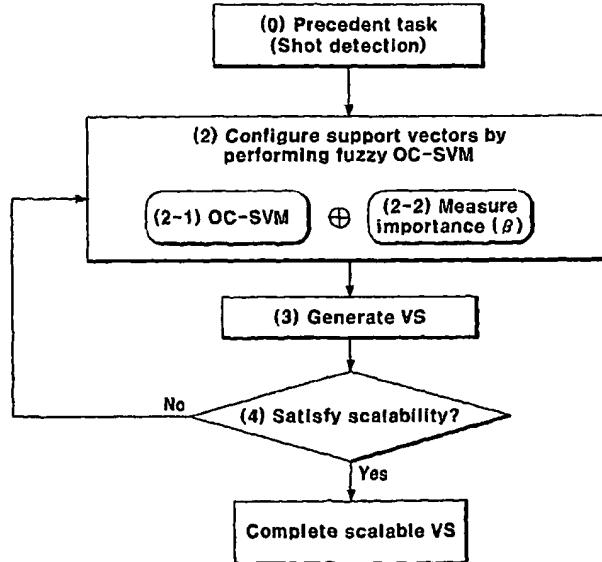
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(54) Title: APPARATUS AND METHOD FOR AUTOMATIC VIDEO SUMMARIZATION USING FUZZY ONE-CLASS SUPPORT VECTOR MACHINES



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(57) Abstract: Disclosed is an automatic video summarization device and method using a fuzzy OC-SVM (one-class support vector machine) algorithm. A user's subjective decision is reflected in order to generate an effective video summary, and a method for generating flexible video summary information which satisfies the user's environment or requirements is provided. Important video segments are extracted from a given video, and a sequence of key frames is extracted from the video segments, and hence, the user can catch the contents of the video quickly and access desired video scenes.



SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

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